



# The Gazette of India

सत्यमेव जयते

PUBLISHED BY AUTHORITY

No. 18] NEW DELHI, SATURDAY, MAY 2, 1964 (VAISAKHA 12, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta the 2nd May, 1964

##### CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 7th March 1964—

In page 90, column 2, under the heading "Patents Sealed" delete the number "80203".

(2)

In the Gazette of India, Part III, Section 2, dated the 4th April 1964—

In Page 134, column 1 under the heading "Applications Accepted"—

*Delete the following matter :—*

"85917. Halcon International, Inc. formerly known as Scientific Design Company Inc. Improvements in or relating to an oxidation process. [Addition to No. 85864]. Accepted on 16th March, 1964.

*Molecular oxygen containing gas is contacted with a mixture of liquid hydrocarbon and a compound selected from the group of boric acid and lower hydrates of boric acid at 140-180°C".*

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

13th April 1964

93252. Preparation Industrielle Des Combustibles. Ex-changer.

93253. Ciba Limited. Manufacture of basic ethers.

93254. Aktiebolaget Tudor. Improved method of and device for lifting and transporting material.

93255. Stone-Wallwork Limited. Improvements relating to variable-speed belt gearing. (26th April 1963).

93256. Helios-Wirkmaschinen-Zubehor Zwingenberger & Co. Method of and device for inspecting webs of fabric or wire gauze and the like for the purpose of detecting mechanical flaws therein.

93257. The British Petroleum Company Limited. Improvements relating to the detection of solid particles suspended in liquid. (6th May 1963).

93258. Standard Telephones and Cables Limited. Radio guidance systems. (26th April 1963).

93259. Standard Telephones and Cables Limited. Relays. (13th May 1963).

93260. Standard Telephones and Cables Limited. Electrical speed indicators. (6th June 1963).

93261. Birfield Engineering Limited. Improvements in or relating to machines. (20th April 1963).

93262. Merck & Co., Inc. Indolyl acid amides.

93263. A. B. Akerlund & Rausing. A coating method.

93264. A. B. Akerlund & Rausing. A coating method.

93265. American Cyanamid Company. Spin dope distribution assembly.

93266. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the production of water-insoluble azo-dyeestuffs on textile material of cellulose fibres or protein fibers.

93267. International Leasing Corporation. A method of making a tufted fabric.

93268. E. I. du Pont de Nemours and Company. Products and processes.

93269. E. I. du Pont de Nemours and Company. Products and processes.

93270. E. Merck Aktiengesellschaft. Progesterone derivatives and preparation thereof.

93271. Refrigeration & Appliances Company Private Limited. An adjustable opener for screw caps.

93272. Refrigeration & Appliances Company Private Limited. A device for mounting tubular heating elements.

93273. Westinghouse Air Brake Company. Improvements relating to valve devices.

93274. Gestetner Limited. Improvements in or relating to duplicating stencils. (29th April 1963).

93275. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polymeric materials. (16th April 1963).

93276. Imperial Chemical Industries Limited. Manufacture of chlorinated hydrocarbons. (17th April 1963).

93277. Imperial Chemical Industries Limited. Manufacture of chlorinated hydrocarbons. (10th February 1964).

93278. AMP Incorporated. Crimping an electrical connector to a wire.

93279. Olin Mathieson Chemical Corporation. Chemical process.

93280. Universal Oil Products Company. Catalyst and process for reforming of hydrocarbons.

93281. May & Baker Limited. Preparation of salts of substituted benzenesulphonyl carbamic esters. [Divisional date 86735].

93282. Shia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Spinning process with contemporaneous stretching of synthetic fibres.

93283. Smith Kline & French Laboratories. Improvements in or relating to 1a-7b-dihydro-1H-cyclopropa [C] quinolines.

93284. M. P. Pujara. Self-filling ink pot.

93285. K. Raghavendran. Equipment for collecting smoke-dust and fumes from chimneys.

14th April 1964

93286. Associated Electrical Industries Limited. Improvements in or relating to turbines. (17th April 1963).

93287. N. V. Organon. New method for the preparation of  $\Delta$  5(10)-steroids.

93288. Charbonnages De France. Improvements in or relating to carbonization by fluidization for the manufacture of powdered coke, gas and tar.

93289. American Brake Shoe Company. Castings.

93290. Compagnie De Saint-Gobain. Improvements in or relating to the manufacture of sheet glass.

93291. Vereinigte Glanzstoff-Fabriken A. G. A process for the production of polyesters. (25th February 1964).

93292. Vereinigte Glanzstoff-Fabriken A. G. A process for the production of polyesters of terephthalic acid. (25th February 1964).

93293. International Standard Electric Corporation. Spraying equipment.

93294. Dr. A. Wander S. A. Vasodilative agent.

93295. Ciba Limited. 7  $\alpha$ -methyl-A-nor-B-homo-steroids.

93296. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to low-pressure mercury vapour discharge lamps.

93297. Sperry Rand Corporation. Asynchronous counting devices.

93298. Sperry Rand Corporation. Double signal to noise radio in a search memory.

93299. Standard Magnesium & Chemical Co. Ion exchange process for producing potassium sulphate. [Divisional date 31st August 1962].

93300. Imperial Chemical Industries Limited. New copolymers of 4-methyl pentene-1 and articles made therefrom. (18th April 1963).

93301. Imperial Chemical Industries Limited. Manufacture of herbicidal materials. (16th April 1963).

15th April 1964

93302. Westinghouse Electric Corporation. Improvements in or relating to permanent magnet memory device using pulse control.

93303. Ciba Limited. Manufacture of new tetra-substituted pyrimidines.

93304. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the conversion of residual petroleum oil into a gas oil.

93305. Chiyoda Kako Kensetsu Kabushiki Kaisha. Method of constructing storage tank.

93306. Preparation Industrielle Des Combustibles. Flotation cells.

93307. Combustion Engineering, Inc. Flame detector.

93308. United Engineering and Foundry Company. Strip guiding apparatus. (17th April 1963).

93309. Phillips Petroleum Company. Polymerization of polybutadiene.

93310. Hooker Chemical Corporation. Brine electrolysis.

93311. Veb Elektroinstallation Oberweimar. Fire-damp proof and explosion-proof multipolar plug device with interrupter.

93312. Owens-Corning Fiberglas Corporation. Asphaltic weathering sheet including continuous glass fibers.

93313. Metal Closures Limited. Improvements in closure seals. (10th May 1963).

93314. Farbenfabriken Bayer Aktiengesellschaft. 1, 8-dihydroxy-anthraquinone - 2 - arylthioethers. (17th December 1963).

93315. Olympic Stranding Machinery Limited. Improvements in apparatus for the making of strands, ropes, cables and the like.

93316. BCM Plastic Developments Limited. Improvements in the production of tube bends of reinforced thermo-setting plastic.

93317. A. R. Wells and R. M. Wells. Container and electrical heater means. (18th October 1963).

93318. A. R. Wells and R. M. Wells. Novel container and electrical heater means. (18th October 1963).

93319. Massey-Ferguson Inc. Improvements in and relating to power plants.

93320. The Goodyear Tire & Rubber Company. Improvements in polymerization.

16th April 1964

93321. Celanese Corporation of America. Polymer composition. [Divisional date 11th December 1962].

93322. Dow Corning Corporation. A breast prosthesis.

93323. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Improvements relating to the gasification of finely-divided solid fuels.

93324. J. Gutfowski. Filter.

93325. South African Iron and Steel Industrial Corporation Limited. Improvements in or relating to steelmaking and/or refining of iron.

93326. Aziende Colori Nazionali Affini Acna S.p.A. Reactive dyestuffs.

93327. C. Valls. Improvements in or relating to treatment machines for the wet treatment of textile webs.

93328. Gesellschaft Fur Linde's Eismaschinen Aktiengesellschaft. Process and apparatus for removing impurities from gaseous mixtures.

93329. British Nylon Spinners Limited. Improvements in or relating to yarn winding machines. (20th April 1963).

93330. Allmanna Svenska Elektriska Aktiebolaget. Driving device containing a first and a second electrodynamic system.

93331. Monsanto Company. Herbicidal compositions. [Divisional date 25th August 1962].

93332. Mrs. Shirin Aziz Varawala. Book stands and indexed articles such as telephone index, address book and the like.

93333. Eastman Kodak Company. Apparatus for the manufacture of uniformly crimped filter tow. (24th April 1963).

93334. H. M. Dinshaw. The manufacture of 'Mini-car' employing 100% Indian made parts.

17th April 1964

93335. F. L. Smidt & Co. A/S. A method of and an installation for treating cement raw slurry. (18th April 1963).

93336. R. P. Heuer. Improvements relating to refractory bricks containing calcined magnesia. (31st October 1961). [Divisional date 30th October 1962].

93337. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing 2-pyridine-aldehyde-guanyl-hydrazone.

93338. A. Hussain and T. Hussain. Improvement in or relating to ice freezer machine.

93339. M. Ibrahim. Improvement in or relating to fluorescent tubular lamp holders and holder bases.

93340. Imperial Chemical Industries Limited. New copolymers. (18th April 1963).

93341. Aluminium Laboratories Limited. Improvements in or relating to the precipitation of alumina.

93342. H. D. Edwards. Improvements relating to removal of stalk from manufactured tea. (16th May 1963).

93343. Georges Lesicur & Ses Fils. Compositions of plastic matters, specially for packing and the process of their manufacture.

93344. S. Smith & Sons (England) Limited. Improvements in or relating to aircraft instruments. (25th April 1963).

93345. Westinghouse Air Brake Company. Improvements relating to braking apparatus.

93346. Farbentabriken Bayer Aktiengesellschaft. Process for the production of 1-amino-3-amino-isoindolenine.

93347. Deba Prasad Basu. Improvements in or relating to weaving machines.

#### Alteration of date

84614. The claim to priority date 19th October 1961 has been abandoned and the application dated as of 16th October 1962, the date of filing in India.

84619. The claim to priority date 16th October 1961 has been disallowed and the application dated as of 16th October 1962, the date of filing in India.

84929. The claim to priority date 25th November 1961 has been abandoned and the application dated as of 2nd November 1962, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83229. Indian Telephone Industries Limited. D. C. signalling relays. Accepted on 13th April 1964.

*Comprising a slug and slugs of high conductivity material assembled over pole face and magnetic shunts bridged over pole faces.*

83258. Deutsche Advance Produktion G.m.b.H. Process for the stabilization of materials comprising polyvinyl chloride, polyesters or cellulosic esters, and materials so stabilized. Accepted on 13th April 1964.

*Comprises incorporating as stabilizer one or more compounds of the general formula  $C_nH_5-CH=CH-CO-R$  in which R represents a saturated aliphatic radical containing from 1 to 8 carbon atoms.*

83266. Dr. D. Framjee. Pilfer-proof envelope or bag sealing machine. Accepted on 16th April 1964.

*Pronged seal comprising an arm and a lever, the lever being pivotally connected to said arm, a housing provided with a plunger working therein and the said housing being adapted to hold the pronged seal.*

83272. L'Eclairage Des Véhicules Sur Rail. Electrical circuit arrangement for supplying power to a load circuit and for charging a battery of accumulators capable of delivering current to the load circuit. Accepted on 13th April 1964.

*Characterized by the fact that load circuit is connected across the terminals of the rectifier and the battery is connected to the load circuit and the rectifier through a disconnecting device controlled by the source of alternating current to trip this disconnecting device when current is fed into the load circuit by source, and a step up transformer being connected across this disconnecting device through a second rectifier.*

83285. S. Takakita. Improvement of ploughing machine. Accepted on 16th April 1964.

*Wherein the coulter is fixed on an endless chain.*

83342. Hawaiian Development Company, Ltd. Apparatus for determining sugar content of sugar cane and an apparatus therefor. Accepted on 16th April 1964.

*Includes a mechanical boring device for collecting cores from a plurality of sugar cane loads, breaker means for reducing the particle size of each core, a subsampler to receive the reduced cores and extract a subsample, a mixing means to mix the subsample, an extracting device to remove a final subsample, and a crusher for reducing the final subsample to pulp suited for analysis.*

83549. Societe Anonyme Francaise de Appareils Automatiques Taximeters Taxiphones, and Associated Automation Ltd. Coin collector for telecommunication services. (25th August 1961). Accepted on 17th April 1964.

*Comprising coin accepter mechanism, differential type debit and credit mechanism and signalling means.*

84049. Holland & Hannen and Cubitts (Great Britain) Limited. An improved method and apparatus for the heat treatment of granular materials. (11th September 1961). Accepted on 13th April 1964.

*Wherein the granular material is supported from the grate in the form of a bed and furnace gases diluted with a cold ambient air.*

84491. T. Subramanian. Weighing machine. Accepted on 13th April 1964.

*Beam having suspended therefrom at its one end a pan and having at its opposite end two graduated beam scales, one the main beam scale and the other a subsidiary beam scale, a bracket at the ends of said two said beam scales.*

84562. N. F. Kapadi. Means for detecting faults in internal combustion engines and the like. (23rd October 1961). Accepted on 15th April 1964.

*Comprising a chamber, inlet and outlet passage for connection thereto in the liquid cooling system, means sensitive to the pressure of liquid flowing, and an indicator coupled to said means, said indicator is energised when abnormal flow conditions are present.*

84578. Ciba Limited. Improvements in and relating to light-reflecting pictorial records. Accepted on 14th April 1964.

*Comprises the combination of at least one optically clear image layer, a backing layer and a light-scattering surface, the scattered reflection of the backing layer and light-scattering of the surface layer being so harmonized that at least at the nearly optically clear portion of pictorial record more light is reflected within a certain solid angle than by a comparable surface having an ideally diffuse reflector.*

84582. Societe De Prospection Electrique Schlumberger. Improvements in bore-hole survey devices. Accepted on 15th April 1964.  
*Characterised in that the diaphragms are metal belows, the movable bottom of which is turned towards the same end of the said apparatus.*

84591. Associated Electrical Industries Limited. Improvements in vertically mounted rotary machines with oil-lubricated bottom bearings. (26th October 1961). Accepted on 13th April 1964.  
*Having an oil lubricated bottom bearing assembly in which a main bearing having enclosing an oil pump with a rotor attached to the machine shaft.*

84608. Metallgesellschaft A. G. A process for the manufacture of steel with the steps of controlling the temperature in a steel furnace. Accepted on 15th April 1964.  
*Characterised in that the concentrates are charged in form of green, unburnt pellets.*

84612. A. Klein. Non-shrinking and expansive cements, and method of making same. Accepted on 14th April 1964.  
*Consisting of hydraulic cement and blended therewith expansive cement comprising a compound of the type  $C_a \cdot X_b \cdot S_c + d CaO$  and  $a, b, c$  and  $d$  are numbers indicating molar ratios of  $C, X$  and  $S$  and have the values of 1 to 4, 1 to 3, 1 and 1 to 2 respectively.*

84614. Howard Clayton-Wright Limited. Improvements relating to floor-engaging members for articles of furniture and the like. Accepted on 13th April 1964.  
*Comprising a castor body having an underneath surface and a swivel pin which engages with the article.*

84619. Instrumentfabriksaktiebolaget Lyth. Projectile miss distance device for use on a target or the like. Accepted on 13th April 1964.  
*Comprising a pressure sensitive transducer and signal means connected to the transducer.*

84623. Ledoga S.p.A. Process for the isolation and purification of sucrose esters and products obtained thereby. Accepted on 15th April 1964.  
*Comprises dissolving a mixture of esters in a lower aliphatic alcohol at a temperature of 40°C to approximately reflux temperature of the solvent.*

84625. Nordberg Manufacturing Company. Gyratory crusher. Accepted on 15th April 1964.  
*The upper smaller portion of the liner having an outwardly projecting ledge by means of which the liner is secured to the bowl, in which the ledge has an outwardly circumferentially-extending lower surface formed as a series of steps which are eccentric to the axis of the liner.*

84629. W. H. W. Schuller. Continuous filaments made of glass or glass like material. Accepted on 16th April 1964.  
*Including an inclined guide for the new filament, a joining drum for connecting the filament in the strand, means for transferring the newly formed filament from the inclined guide to the drum and means for moving and guiding the filament along the said drum.*

84644. Ransburg Electro-Coating Corp. Electrostatic coating methods and apparatus. Accepted on 16th April 1964.  
*The method includes the steps of projecting the coating material from a small orifice into the surrounding atmosphere as a thin expanding liquid film to effect atomization, maintaining an electrostatic charging field to charge the atomized spray particles and to carry to and to deposit spray particles while in liquid state.*

84675. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and apparatus for pneumatically grinding granular, gritty or coarsely powdered dry substances. Accepted on 16th April 1964.  
*Wherein elastic synthetic coverings disposed on the inner sides of the covers of mill case are kept in continuous rhythmical motion by periodically controlled compressed air.*

84723. International Business Machines Corporation. Data transfer apparatus. Accepted on 14th April 1964.  
*Utilizing thin magnetic film elements for data storage and having a coupling conductor linking both film elements for transferring data.*

84724. International Business Machines Corporation. Information storage arrangements and information stores incorporating the same. Accepted on 13th April 1964.  
*Comprising a plurality of thin film magnetic elements being deposited in rows and columns and means to apply magnetic field.*

84786. Allied Chemical Corporation and Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa, S.p.A. Polyamide yarns having reduced shrinkage and improved modulus, process for obtaining them, and apparatus for carrying out said process. Accepted on 13th April 1964.  
*Characterized in that a polycaprolamide yarn is cold drawn, heated and then cooled at constant length before winding it.*

84907. G. S. S. Nevatia and H. P. Nevatia. Process for production of metallic cast permanent magnets with recrystallisation texture. Accepted on 17th April 1964.  
*Heating to the recrystallization temperature is effected by heat conduction, radiation of heat or a combustion of both or by bombardment with electrons or ions.*

84929. Polymer Corporation Limited. Polymerization process. Accepted on 16th April 1964.  
*Polymerising butadiene-1 : 3- in the presence of a catalyst obtained by admixing titanium trichloromonoiodide, an organo-aluminium compound and a polar hydrocarbon-soluble compound.*

84936. Laporte Titanium Limited. Improvements in and relating to the manufacture of oxides. (3rd November 1961). Accepted on 16th April 1964.  
*Comprises preheating the chloride and the oxidising gas, introducing the preheated chloride vapour and the preheated oxidising gas into a reaction chamber, introducing an inert particulate refractory material into the reaction chamber, then separating the particulate material from product oxide.*

84951. Imperial Chemical Industries Limited. Vinyl chloride resin lacquers and process for coating metal substrates therewith. (13th November 1961). Accepted on 15th April 1964.  
*Comprising a solution of a thermoplastic copolymer, an epoxy resin and a hardener in a common solvent.*

84954. Svenska Rotor Maskiner Aktiebolag. Rotary compressor. Accepted on 15th April 1964.  
*Means for supplying liquid to working space for sealing the perimeters of the chambers and cooling the contents thereof at a rate such that the minimum value of the ratio of the mass flow of the liquid to the mass flow of the elastic fluid is 1.5 to 1 and changes in inverse proportion to changes in the tip speed of the rotors.*

85016. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Use of an alloy including metals of platinum group as material for tension strips in measuring instruments. Accepted on 15th April 1964.  
*Comprises 1 to 50% of base metals, the balance being platinum, palladium and/or rhodium, except in a binary alloy of platinum.*

85017. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Use of a gold alloy as material for tightening straps in measuring instruments. Accepted on 15th April 1964.  
*Comprises 1 to 70% of a metal of the VIIIth group of the periodic system, the balance at least 20% consisting of gold.*

85114. Sperry Rand Corporation. Magnetic multi-aperture plate device. Accepted on 13th April 1964.  
*Contains a central aperture and a plurality of further apertures, and includes a first input winding, a second input winding and a third input winding.*

85135. E. I. Du Pont De Nemours and Company. Improvements in gas separation. Accepted on 16th April 1964.  
*Characterised by employing the non-porous membrane in the form of a plurality of very fine hollow fibres, the external diameter being from 1.2 to 3.0 times the internal diameter.*

85138. Esso Research and Engineering Company. Improved masking agent for middle distillates. Accepted on 13th April 1964.  
*Comprises a hydrocarbon distillate, from about 0.001 wt. % to 0.5 wt. % of musk xylene, and from about 0.0002 wt. % to 0.2 wt. % of vanillin based upon the weight of base fuel.*

85194. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Process for the preparation of new dialkylaluminate compounds. Accepted on 16th April 1964.  
*A mixture of aluminium alkyl hydride and an alkaline metal hydroxide is heated in the range of 100° to 180°C.*

85212. Albiswerk Zurich A.G. Improvements in or relating to frequency-diversity radar. (30th August 1962). Accepted on 17th April 1964.  
*Wherein an "AND" circuit is used to select the receiving channel output signal of smaller amplitude.*

85221. Beloit Corporation. Divided press and method of removing moisture therewith from a paper web. Accepted on 17th April 1964.  
*Comprises two press nips, a looped felt passing through both nips and carrying a web through the first nip and a porous surface pressed against the felt in the second nip.*

85339. Brunswick Corporation. Disposable supporting unit in and for a hypodermic needle assembly. Accepted on 15th April 1964.  
*Comprises a plastic needle hub-supporting section to fixedly engage hub section of needle cannula, a sheath section and a frangible section.*

85351. Shell International Research Maatschappij N. V. Process for the removal of carbon dioxide from gases. Accepted on 17th April 1964.  
*Characterised in that the gas to be treated is contacted with a selective solvent comprising a sulphone.*

85352. Rand Mines, Limited and C. J. Irving. Improvements relating to percussion rock drilling machines. Accepted on 16th April 1964.  
*Comprising a body portion, a passageway bound by the bore of the auxiliary chuck and the external surface of a drill steel and an external water bore associated with the auxiliary chuck.*

85388. Technifoam Corporation. Coating machine for production of continuous strips of plastic foam. Accepted on 17th April 1964.  
*Comprises sheet material supplying means, coating material application, curing means, plastic foam with drawing means and edge regulators.*

85457. Imperial Chemical Industries Limited. Improved polymeric moulding compositions. (8th December 1961). Accepted on 13th April 1964.  
*Comprises a mixture of polymethyl methacrylate and a saturated rubber selected from homopolymers of lower alkyl esters of acrylic acid.*

85491. The Goodyear Tire & Rubber Company. Improvements in method of stabilizing hydrochlorinated rubber. Accepted on 13th April 1964.  
*Subjecting a solution of rubber to the hydrochlorinating effect of hydrogen chloride in the presence of a phenolic heat and/or light stabilizer.*

85584. Pall Corporation. A process for preparing porous material having ultrafine pores. (15th December 1961). Accepted on 16th April 1964.  
*Comprises forming a suspension comprising particulate material suspended in a fluid and depositing the particulate material within the pores of a porous material in an amount to produce a material having a pore diameter of less than 25.*

85657. K. V. Javalkar. Rice flaking machine. Accepted on 16th April 1964.  
*Comprises feed rollers with pockets which feed the grains to the presser rollers which flakes the grain in one single pressing operation.*

85662. International Business Machines Corporation. Improved typewriter having a print head. Accepted on 17th April 1964.  
*Print head is movable under the control of a first key by means of an engaged clutch to select one of the portions and under the control of a second key to select a character to be printed within the selected portion.*

85664. Dunlop Rubber Company Limited. Improvements in disc brakes. (21st December 1961). Accepted on 16th April 1964.  
*Wherein the torque taking edges of the friction elements are each supported on and guided by a detachable member.*

85858. D. S. Mackenzie. Cartons for the packing of fragile articles. (2nd January 1962). Accepted on 15th April 1964.  
*Has at each end and at each corner an article-engaging foldable member extending across the corner into adjoining walls and by scores connecting the ends of slits.*

85926. The Metal Box Company Limited. Improvements in or relating to elements made from synthetic thermoplastic material for use with screw-threaded members. (16th January 1962). Accepted on 13th April 1964.  
*Said element having a part thereof of circular cross-section provided with a plurality of ribs each of relatively narrow width and extending lengthwise of said part.*

86072. F. T. Products Limited. Improvements in and relating to self locking stay mechanisms. (17th January 1962). Accepted on 15th April 1964.  
*Two members connected together by connecting means permitting a defined relative movement in a forward and a reverse direction, each member being formed with a surface overlying a surface of the outer member and slidably thereover during relative movement of the members.*

86097. Ciba Limited. 2 : 3 : 4-trichloranthraquinone-1-carboxylic acid and alkyl esters thereof and process for their manufacture. Accepted on 13th April 1964.

*A solution in an organic solvent of a Diels-Alder adduct from a 5 : 5-dialkoxy-1 : 2 : 3 : 4-tetrachlorocyclopentadiene and 1 : 4-naphthaquinone is treated with a halogen.*

86221. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Process for the production of a compound metal. (13th December 1962). Accepted on 16th April 1964.

*Consisting of a foundation metal and a more noble facing layer which consists of an alloy and is produced on the foundation metal.*

86304. Imperial Chemical Industries Limited. Stabilisation of polyvinyl chloride. (13th February 1962). Accepted on 17th April 1964.

*Comprises the incorporation of a zinc salt of a fatty acid, a calcium or magnesium salt of a fatty acid and an aryl mercaptan or zinc salt thereof.*

86396. K. D. Shinde. Agricultural implement for dropping seed and fertilizer on the ground. Accepted on 14th April 1964.

*Comprising a hopper in two sections, openings in the base of each section, a housing below the hopper, at least a pair of sliding strips inside the housing, pocket in each strip communicating with common outlets opening into discharge chutes.*

86535. Garbage Service Company, Inc. Grapple device for material handling apparatus. Accepted on 14th April 1964.

*Comprising a frame member having jaw members, a plate member secured to the frame, a piston-cum-cylinder, a rod connected to the piston, means connecting the rod to the jaws, means for actuating the jaws, the piston and the frame.*

86727. Canadian Safety Fuse Company Limited. Explosive connecting cord. (23rd March 1962). Accepted on 17th April 1964.

*Comprises a core of high explosive having a specific surface of at least about 900 square centimeters per gram in a concentration of at least 1.5 grams per foot of length for specific surfaces of up to 3,400 square centimeters per gram, confined in a textile sheath surrounded by a protective and reinforcing covering.*

86730. Elektrokemisk A/S. Improvements in or relating to process of producing metals, metal alloys, carbide, etc. Accepted on 14th April 1964.

*The combustion gases being produced by the combustion with air within the shaft furnace of reaction gases from the smelting furnace.*

86857. Shell Internationale Research Maatschappij N. V. A readily releasable fluid tight coupling. Accepted on 16th April 1964.

*Wherein the distance between the central axis of the ring and the centre of the radial cross-section of the ridge pertaining to inner/outer V-shaped groove is equal to the distance from the bottom of the inner/outer V-shaped groove to the central axis of the sealing.*

86998. Courtaulds Limited. Purifying solutions of inorganic salts. (22nd March 1962). Accepted on 17th April 1964.

*Comprising bringing the solution containing impurity into contact with an ion-exchange resin, whereby the impurity is removed in the form of a complex ion.*

88094. Indian Oxygen Limited. Process for the production of oxygen enriched air. (29th May 1962). Accepted on 17th April 1964.

*Comprising subjecting compressed air to a two-stage rectification to produce a first liquid fraction enriched in oxygen, partially vaporising by heat exchange with gaseous nitrogen to produce a second liquid fraction, recycling the oxygen-enriched gaseous fraction to the second stage and vaporising by heat exchange with incoming air.*

88218. Chemische Werke Albert. Improvements in or relating to epoxy resin compositions. Accepted on 16th April 1964.

*Comprising an epoxy resin together with an adduct of epoxy resin and a polyamine, a phenol-aldehyde resin and/or an esterification product of a polyhydric alcohol with a resinic acid and an adduct silica is an addition product of an α, β-unsaturated dicarboxylic acid or its anhydrides with a resinic acid.*

88698. Stamicarbon N. V. Preparation of polymerization products. Accepted on 13th April 1964.

*Preparing polymeric material by ionogenic catalytic polymerization of lactam in presence of di- $\Sigma$ -caprolactam ether.*

88699. Stamicarbon N. V. Preparation of polymerization products. Accepted on 13th April 1964.

*Catalytic polymerization of lactams in presence of phenyl-ethoxy-methylimino-methane.*

89079. N. V. Onderzoekingsinstituut Research. A process for the manufacture of artificial staple fibres of regenerated cellulose, and the staple fibres thus obtained. Accepted on 16th April 1964.

*Characterized in that the viscose contains a zinc compound and the fresh spun or stretched threads, before or after they are cut, are treated in a relaxed state, with warm water.*

#### Printed Specification Published

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

73596. 73681. 73717. 73740. 73813. 73894. 73982.  
74023. 74209. 74419. 74618. 74674. 74773. 74778.  
74783. 74788. 74799. 74809. 74813. 74825. 74838.  
74840. 74846. 74851. 74854. 74858. 74869. 74876.  
74879. 74933. 74938. 74948. 74949. 74953. 74959.  
74960. 74961. 74973. 74983. 74986. 74993. 75010.  
75029. 75038. 75047. 75143. 75154. 75158. 75164.  
75196. 75248. 75258. 75259. 75268. 75321. 75364.  
75415. 75472. 75560. 75585. 75603. 75619. 75621.  
75630. 75685. 75702. 75703. 75749. 75879. 75885.  
75982. 76053. 76104. 76134. 76438. 76493. 76669.  
76843. 76857. 76926. 76941. 77219. 77320. 77335.  
77355. 77417. 78459. 78544.

#### Patents Sealed

74430. 75814. 77098. 77099. 78720. 78905. 78974.  
79227. 79294. 80084. 80090. 80243. 80247. 80302.  
80441. 80488. 80522. 80538. 80557. 80583. 80756.  
80773. 80780. 80809. 80822. 80855. 80889. 80894.  
80895. 80930. 80960. 80992. 81008. 81098. 81187.  
81211. 81283. 81309. 81358. 81365. 81395. 81439.  
81467. 81552. 81553. 81572. 81617. 81678. 81735.  
81744. 81777. 81786. 81876. 81881. 81921. 81960.  
81989. 81990. 82103. 82281. 82313. 82352. 82458.  
82613. 82647. 82745. 82891. 82971. 83607. 83616.  
83862. 83863. 83888.

#### Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that A. Reyrolle & Company Limited, a Company registered under the laws of Great Britain, Electrical Engineers and Manufacturers, of Hebburn, County Durham, England, seek leave to amend the application and specification in respect of

Patent application No. 80203. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :

41136	
45362	
48109	
48944	
50430	
51714	
53600	
53601	
54632	
55577	
55637	
56467	
56468	
58714	
61519	
62579	
63625	
65577	
	Giddings & Lewis-Fraser Limited.

#### Renewal Fees Paid

41316.	41368.	41369.	41473.	42015.	43135.	43153.
43205.	43629.	45070.	45106.	45224.	45225.	45254.
45256.	45258.	45273.	45282.	45426.	45467.	46294.
46665.	47129.	47210.	47211.	47215.	47290.	47315.
47367.	47557.	47650.	47724.	47788.	48011.	49279.
49342.	49393.	49400.	49418.	49514.	49515.	49516.
49592.	49595.	49604.	49651.	49707.	50077.	51275.
51739.	51808.	51815.	51833.	51860.	51890.	51905.
51946.	51950.	51951.	52006.	52019.	52031.	52032.
52201.	52271.	52415.	52562.	53077.	53514.	53515.
53541.	53676.	54089.	54150.	54264.	54304.	54407.
54488.	54577.	54592.	54608.	54618.	54870.	54913.
54914.	54945.	55302.	55458.	56327.	57019.	57037.
57115.	57143.	57159.	57219.	57248.	57255.	57276.
57282.	57289.	57303.	57344.	57371.	57378.	57598.
57610.	57627.	57769.	57873.	57925.	57944.	57945.
57946.	57947.	57948.	57949.	58291.	58344.	59658.
60169.	60210.	60238.	60276.	60392.	60437.	60457.
60461.	60536.	60593.	60596.	60870.	60947.	61009.
61027.	61051.	61112.	61134.	61187.	61213.	61226.
61385.	61429.	61651.	63335.	63412.	63620.	63692.
63748.	63763.	63785.	63796.	63816.	63834.	63840.
63884.	63910.	63923.	63924.	63930.	63937.	63955.
63974.	63976.	63994.	64024.	64035.	64037.	64055.
64056.	64058.	64076.	64078.	64115.	64184.	64202.
64203.	64227.	64256.	64790.	64834.	65020.	65022.
65024.	65037.	66534.	66964.	67286.	67384.	67405.
67409.	67497.	67565.	67569.	67614.	67655.	67687.
67688.	67769.	67770.	67779.	67820.	67822.	67841.
67862.	67962.	67997.	68004.	68171.	68235.	68301.
68331.	68483.	68538.	68539.	68564.	68567.	68632.
69163.	69455.	69978.	70483.	70510.	71408.	71413.
71415.	71452.	71517.	71596.	71621.	71627.	71677.
71679.	71694.	71705.	71763.	71765.	71776.	71777.
71778.	71785.	71899.	71909.	71915.	71984.	71995.
72021.	72030.	72093.	72134.	72167.	72243.	72301.
72336.	72404.	72539.	72607.	72620.	72657.	72698.
72911.	73033.	76094.	76273.	76444.	76445.	76483.
76496.	76677.	76690.	76771.	76772.	76906.	77764.
78337.	79020.	79027.	79433.	80948.	80949.	

#### Cessation of Patents

40711.	42410.	42417.	42419.	42445.	44274.	53435.
56094.	59200.	62591.	66121.	66124.	66130.	66134.

66154. 66187. 70058. 70088. 70093. 70101. 70114.  
70119. 70121.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 119493. Bhag Singh and Autar Singh, Indian Nationals, 69, Najafgarh Road, New Delhi-15. "Lipstick container", September 10, 1963.

Class 3. Nos. 120304 and 120305. Robert Henry Abplanalp, a citizen of the United States of America, 10 Hewitt Avenue, Bronxville, Westchester County, New York, United States of America, "Combined cap and valve operating member for aerosol dispensers", November 26, 1963.

Class 3. No. 120306. Robert Henry Abplanalp, a citizen of the United States of America, 10 Hewitt Avenue, Bronxville, Westchester County, New York, United States of America, "Combined liquid receiver and support therefor, for use on aerosol dispensers", November 26, 1963.

Class 3. No. 120307. Robert Henry Abplanalp, a citizen of the United States of America, 10 Hewitt Avenue, Bronxville, Westchester County, New York, United States of America, "Dispenser top for a pressure can", November 26, 1963.

Class 5. Nos. 120691 and 120692. The Electrical Carbon Brush Mfg. Co. (An Indian Partnership Concern), 3645, Mori Gate, Delhi-6, "Carton", January 6, 1964.

Class 13. Nos. 121414 to 121418. The Khatau Makani Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", March 3, 1964.

Class 13. Nos. 121446 to 121457 and 121459 to 121462. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay 13, "Textile goods", March 7, 1964.

Class 13. Nos. 121544 to 121549. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece-goods", March 10, 1964.

Class 13. Nos. 121554 to 121579. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159 Churchgate Reclamation, Bombay 1, Maharashtra State, "Textile goods", March 10, 1964.

Class 13. Nos. 121580 to 121584. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", March 10, 1964.

Class 13. No. 121607. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay 1, "Textile goods", March 16, 1964.

Class 13. Nos. 121628 and 121629. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece-goods", March 18, 1964.

Class 13. Nos. 121630 and 121631. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", March 18, 1964.

Class 13. No. 121668. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece-goods", March 23, 1964.

Class 13. Nos. 121718 to 121725. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", March 24, 1964.

Class 13. Nos. 121740 to 121745. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay 13, Maharashtra State, "Textile goods", March 30, 1964.

**Copyright Extended for a Second Period of Five Years**

Design No. 99599, Class 1.

**A. JOGARAO**  
*Controller General of Patents, Designs  
and Trade Marks.*